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ST. PAUL 55155

November 21, 1984



ADDRESS REPLY TO:
ATTORNEY GENERAL'S OFFICE
POLLUTION CONTROL DIVISION
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Edward J. Schwartzbauer
Dorsey & Whitney
2200 First Bank Place East
Minneapolis, MN 55402

Re: U.S. v. Reilly Tar & Chemical Corporation
File No. Civ. 4-80-469

Dear Mr. Schwartzbauer:

Enclosed with this letter are additional documents relating to ground water modelling and revised results of PAH analyses at the Minikahda Golf Course and American Mutual Hardware Wells. They are as follows:

1. A revised draft of the USGS ground water-flow model report, including oversize figures, November, 1984. (Bates nos. 9636585-702.)
2. Plotted potentiometric surfaces for seasonal (spring and summer) predictive model run 01-09. November 9, 1984. (Bates nos. 9636790-808.)
3. Memorandum by Mark Simonett (MPCA) regarding use of a steady-state rather than transient conditions for seasonal predicted runs, November 3, 1984. (Bates nos. 9636711-719.)
4. Memorandum by Mark Simonett regarding pumping rate assignments for wells in seasonal predictive runs, November 6, 1984. (Bates nos. 9636703-710.)
5. Blueprints of model area base maps, model grid, high capacity well locations and observation well locations. (Bates nos. 9636820-823.)
6. Listing of pumping rates by well for spring, fall, and summer seasons 1976-1980, and average (steady-state) well discharges for 1970-1977, August 14, 1984. (Twenty-seven page document with first page stamped 9636584).

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7. Data for Prairie du Chien-Jordan ("PdC-J") aquifer pumping test on 1/25/84, W105 pumped; drawdown and recovery measured in W23, November 9, 1984 and earlier. (Bates nos. 9627327-332, 9627334.)
8. Data for PdC-J pumping test on May 10, 1984, SLP 16 pumped; drawdown measured at SLP 8 and recovery measured at SLP 16, May 10, 1984. (Bates nos. 9633885-893.)
9. Data for PdC-J (and Ironton-Galesville) pumping test on 8/10/84. (Bates nos. 9636809-811.)
10. Data for PdC-J pumping test on September 25, 1984, W105 pumped; drawdown and recovery measured in W23. (Bates nos. 9636813-814.)
11. Memorandum by Mark Simonett regarding revision of PAH analyses performed on Minikahda and American Hardware Mutual well samples by MDH in spring of 1984, November 7, 1984. (Bates nos. 9636720-723, 9633877-879.)

Yours very truly,



STEPHEN SHAKMAN
Special Assistant
Attorney General

SS:mah

cc: Bill Sierks
Chris Grundler
Robert Leininger
Paul Bitter